Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-7 (Previously Canceled)

8. (Presently Amended) A process for the preparation of non-chiral or optically active alcohols comprising reacting a carbonyl compound with hydrogen in the presence of a catalyst, a base, and optionally a diamine, wherein the catalyst is a Ru(II) complex ~~containing a support-bonded bisphosphine ligand and a diamine ligand~~**catalyst according to claim 13**.

9. (Previously Presented) A process according to Claim 8 wherein the catalyst is formed in situ from a support-bonded catalyst precursor and a diamine.

10. (Previously Presented) A process according to Claim 8 wherein the catalyst contains a chirally uniform, support-bonded bisphosphine ligand and a chirally uniform diamine ligand.

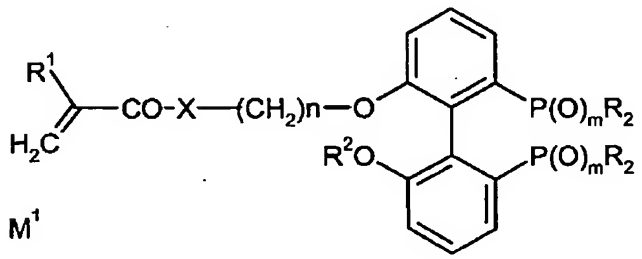
11. (Previously Presented) A process according to Claim 10 wherein the bisphosphine ligand is an atropisomeric bisphosphine ligand.

12. (Previously Presented) A process according to Claim 8 wherein the bisphosphine ligand is bonded to the support by linking functional groups of the bisphosphine ligand with reactive groups on the support or on a spacer attached to the support.

13. (Previously Presented) A Ru(II) complex catalyst containing a support-bonded bisphosphine ligand and a diamine ligand.

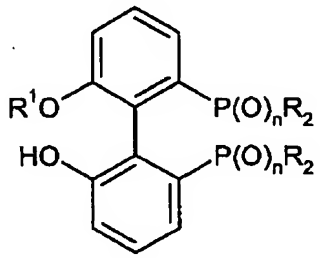
14. (Previously Presented) A Ru(II) catalyst obtained by linking an inorganic support containing SH groups with a bisphosphine or derivative thereof capable of polymerization.

15. (Previously Presented) A compound of the formula M^1, M^2, M^3, M^4, M^5, M^6, M^7, M^8, M^9, $M^{9'}$, M^{10}, or $M^{10'}$

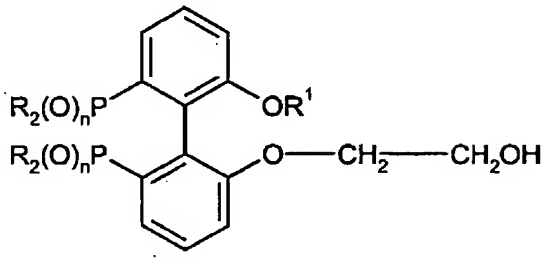


M^1

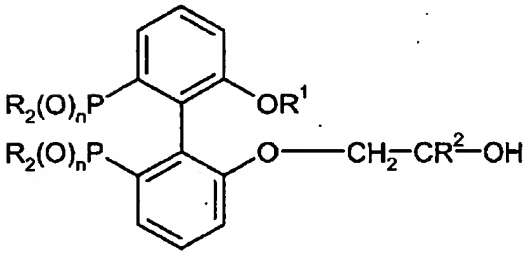
M^2



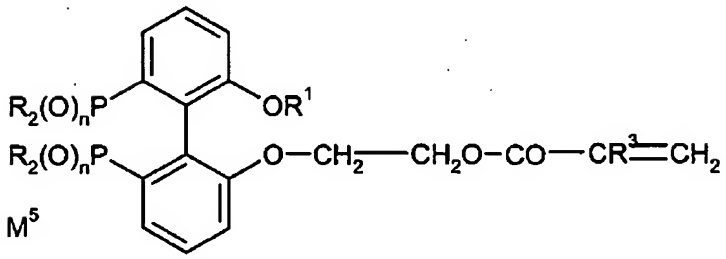
M^3

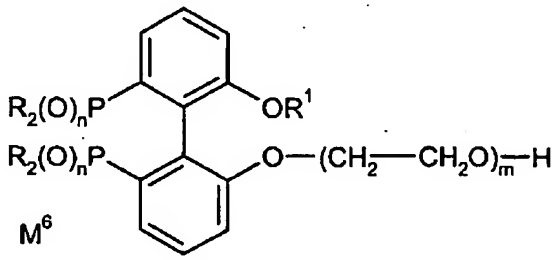


M^4

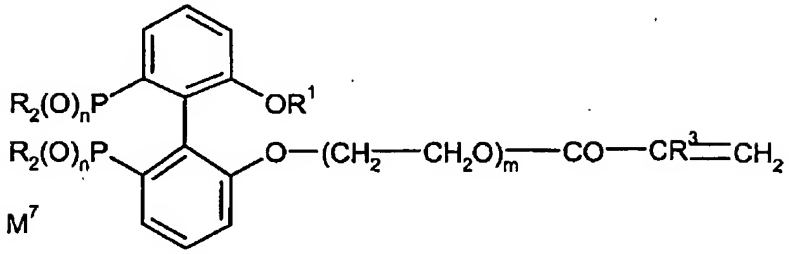


M^5

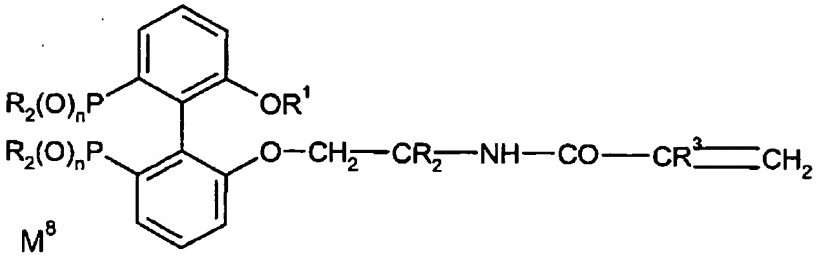




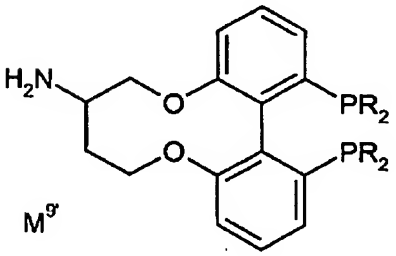
M6



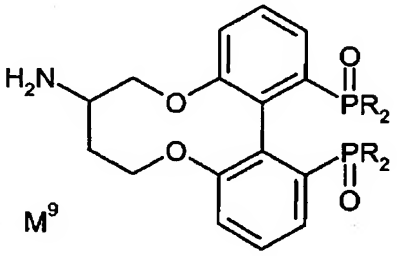
M7



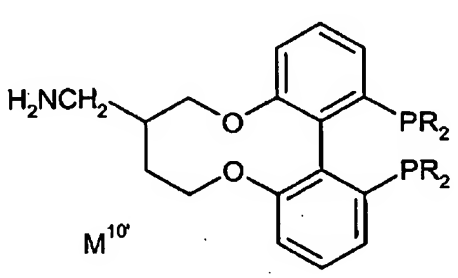
M8

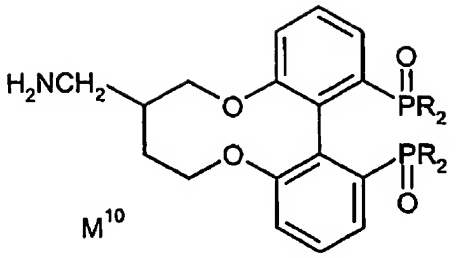


M9'



M9





wherein independently of one another each

R is phenyl, 2- or 3- or 4-methylphenyl, 3,5-dimethylphenyl, 3,5-dimethyl-4-methoxyphenyl, 3,5-ditert-butylphenyl or cyclohexyl,

R^1 and R^2 are in each case, independently of one another, C_1- to C_8-(cyclo)alkyl and

R^3 is H or CH_3,

n is 1 or zero, and

m is 2-100.